FRIDAY 19 OCTOBER

Experimental Pathology — *Rapporteur:* S. Vesselinovitch

Chairman: K. Lapis

42 9.00 - 9.20 VESSELINOVITCH, S.D.
Infant mouse as a sensitive bioassay system for carcinogenicity of *N*-nitroso compounds

43 9.20 - 9.40 EISENBRAND, G., HABS, M., PREUSSMANN, R. & SCHMAHL, D.
Dose-response study with *N*-nitrosopiperidine and single-dose carcinogenicity experiment with *N*-nitroso-3-hydroxypyrrolidine

44 9.40 - 10.00 SUGAR, J., SZENTIRMAY, Z. & KRALOVANSZKY, J.
Pathological features of *N*-methyl-*N'*-nitro-*N*-nitrosoguanidine (MNNG) induced neoplastic and preneoplastic lesions of rat stomach

45 10.00 - 10.20 BORZSONYI, M., SURJAN, A., PINTER, A., TOROK, G., CSIK, M., TAMAS, J., FETTER, J. & FERENCZ, A.
Endogenous formation of *N*-nitrosomorpholine from a new fungicide

46 10.20 - 10.40 WARZOK, R., MENDEL, J., THUST, R., SCHWARZ, H. & SCHNEIDER, J.
Physico-chemical, mutagenic and carcinogenic properties of nitrosated urea herbicide metabolites

Chairman: R. Preussmann

47 11.00 - 11.20 FONG, L.Y.Y., WONG, F.W.T. & CHAN, W.C.
Does *in vivo* *N*-nitrosamine formation in chronic urinary tract infection increase cancer incidence in the rats?

48 11.20 - 11.40 SANSONE, E.B., LOSIKOFF, A.M. & LIJINSKY, W.
The penetration of rat skin by some nitrosamines of environmental importance

49 11.40 - 12.00 SIMON, K., TAJTI, L. & LAPIS, K.
Hepatic lesions of *lebistes reticulatus* induced by DENA

50 12.00 - 12.20 BOGOVSKI, P.
Principles of prevention of formation and action of carcinogenic *N*-nitroso compounds

12.20 - 12.40 Discussion

12.40 Close of meeting.

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Source: https://www.industrydocuments.ucsf.edu/docs/ljxk0000

Posters to the topic: *Chemistry and Formation*

51 CONTOUR, J.P., GUERIN, I. & MOUVIER, G.

Adsorption of nitrogen dioxide and nicotine over asbestos. Formation of adsorbed *N*-nitroso compounds

52 JANZOWSKI, C., KLEIN, R. & PREUSSMANN, R.

Formation of *N*-nitroso compounds of the pesticides atrazine, simazine and carbaryl with nitrogen oxides

53 ROPER, H.

Synthesis of monosaccharide-nitrosamines

54 IQBAL, Z.M., KRULL, I.S., MILLS, K., FINE, D.H. & EPSTEIN, S.S.

Kinetics of nitrosamine formation in mice following oral administration of trace-level precursors

Posters to the topic: *Analysis*

55 CASTEGNARO, M. & WALKER, E.A.

Report on collaborative studies on determination of volatile nitrosamines in cheese and pesticides

56 FELLION, Y., de SMEDT, J. & BRUDNEY, N.

An HPLC-UV method for the direct evaluation of NDELA in some cosmetic products and raw materials

Posters to the topic: *Occurrence*

57 ISSENBERG, P. & SWANSON, S.E.

Monitoring exposure of personnel to volatile nitrosamines in the laboratory environment

58 PEDERSEN, E., THOMSEN, J. & WERNER, H.

Investigations on formation and occurrence of volatile nitrosamines in Danish cheese

59 TAYLOR, P., BRADDOCK, P. & CARTER, D.

The analysis of *N*-nitrosodimethylamine (NDMA) in antihistamines and cough/cold preparations

60 JUSZKIEWICZ, T., KOWALSKI, B. & PASTUCHA, E.

Occurrence and formation of nitrosamines in animal feeds

61 MIGASENA, P., REAUNSUWAN, W. & CHANGBUNRUNG, S.

Nitrates, nitrites and nitroso compounds in local Thai preserved protein foods

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62 PREDA, N. & POPA, L.
Variation of the concentration of *N*-nitroso compounds in meat products processed with minimal nitrite amounts

63 ARMIJO, R.
Stomach cancer and nitrates in Chile

64 JUHASZ, L., HILL, M.J. & NAGY, G.
Possible relationship between nitrate in drinking water and incidence of stomach cancer

65 TUREK, B., HLAVSOVA, D., TUCEK, J., WALDMAN, J. & CERNA, J.
The contribution to the fate of nitrates and nitrites in the organism

66 VARGHESE, A.J., BRUCE, W.R., KREPINSKI, J.J.F. & YATES, P.
Isolation and properties of a highly mutagenic *N*-nitroso compound from human feces

67 WALKER, E.A., CASTEGNARO, M., PIGNATELLI, B., CRESPI, M. & MUNOZ, N.
Preliminary report on volatile nitrosamines in gastric juices

Posters to the topic: *Experimental Pathology*

68 LIJINSKY, W.
Comparative carcinogenicity of *N*-nitroso compounds in different species

69 HECHT, S.S., CHEN, C.B. & HOFFMANN, D.
Metabolism of tobacco specific nitrosamines in rodents and man

70 EMURA, M., RICHTER-REICHHELM, H.-B. & MOHR, U.
Some aspects of prenatal risk to diethylnitrosamine carcinogenesis

71 KOPPANG, N.
A survey over 18 years with experimental feeding of nitrosodimethylamine to domestic animals

72 GINER-SOROLLA, A., ANDERSON, L.M., GREENBAUM, J.H., LAST, K. & BUDINGER, J.H.
N^6-(methylnitroso)adenosine: a carcinogen from a nucleic acid component

73 THUST, R., MENDEL, J., SCHWARZ, H. & WARZOK, R.
Clastogenicity and aberration kinetics of some alkylarylnitrosoureas in Chinese hamster V79-E cells

74 RUSU, M.A., PREDA, N., CRACIUN, C., GADALEANU, V. & BUCUR, N.
Histoenzymological and ultrastructural changes in rats following the administration of aminopyrine and nitrite (nitrosoaminopyrine)

75 SURJAN, A., TOROK, G., BORZSONYI, M., PINTER, A., CSIK, M. & FETTER, J.
Effect of ascorbyl palmitate and chlorogenic acid on the *in vivo* nitrosation of a new pesticide (trimorphamide)

76 GRICIUTE, L.
Investigation on the combined action of NDEA with other carcinogens

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